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(54) **TABLEWARE WASHING MACHINE**

(57) Abstract:

PROBLEM TO BE SOLVED: To shorten the running time of a tableware washing machine to be installed at a home kitchen.

SOLUTION: This tableware washing machine has a gas burner 19 and an instantaneous heating type heat exchanger 24 in the side part of a washing closet 6. While washing water is monitored by a feed water temperature sensor 26, the washing water is controlled by a gas control valve 17 and is heated and supplied at a prescribed temperature by the instantaneous heating type heat exchanger 24. The exhaust gases of the gas burner 19 are supplied from a dry gas feed port 31 into the washing closet 6 where tableware 4 is dried. The control described above may be integrally executed by a controller 27.

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